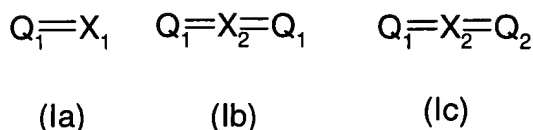


In the Claims

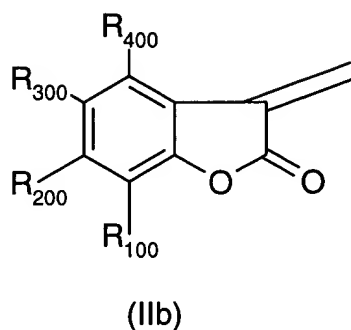
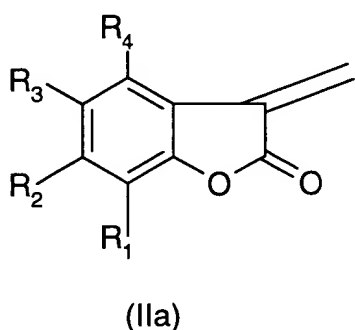
1. (previously presented) A compound of the formula (Ia), (Ib) or (Ic)



in which

Q_1 is a benzofuran-2-one of the formula (IIa), and

Q_2 is a benzofuran-2-one of the formula (IIb)



in which

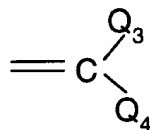
R_1 , R_2 , R_3 , R_4 , R_{100} , R_{200} , R_{300} or R_{400} independently of one another are hydrogen, halogen, hydroxyl, cyano, ether, nitro, an amine, amide, imine, urethane, sulfonamide, ester, carboxylic acid or sulfonic acid radical or carboxylic salt, sulfonic salt or C_1 - C_{24} alkyl, C_1 - C_{24} alkoxy, C_1 - C_{24} alkylthio, C_5 - C_{12} cycloalkyl, C_5 - C_{12} cycloalkoxy, C_5 - C_{12} cycloalkylthio, C_2 - C_{24} alkenyl, C_6 - C_{24} aryl, C_7 - C_{25} aralkyl, C_6 - C_{24} aryloxy, C_6 - C_{24} arylthio, thienyl, benzo[b]thienyl, dibenzo[b,d]thienyl, thianthrenyl, furyl, furfuryl, 2H-pyran, benzofuranyl, isobenzofuranyl, benzimidazolyl, benzothiazolyl, dibenzofuranyl, phenoxythiyl, pyrrolyl, imidazolyl, pyrazolyl, pyridyl, bipyridyl, triazinyl, pyrimidinyl, pyrazinyl, pyridazinyl, indolizynyl, isoindolyl, indolyl, indazolyl, purinyl, quinolizynyl, quinolyl, isoquinolyl, phthalazinyl, naphthyridinyl, quinoxalinyl, quinazolinyl, cinnolinyl, pteridinyl, carbazolyl, carbolinyl, benzotriazolyl, benzoxazolyl, phenanthridinyl, acridinyl, perimidinyl, phenanthrolinyl, phenazinyl, isothiazolyl, phenothiazinyl, isoxazolyl, furazanyl or phenoxazinyl, O-thienyl, O-benzo[b]thienyl, O-dibenzo[b,d]thienyl, O-thianthrenyl, O-furyl, O-furfuryl, O-2H-pyran, O-benzofuranyl,

O-isobenzofuranyl, O-benzimidazolyl, O-benzothiazolyl, O-dibenzofuranyl, O-phenoxythiiny, O-pyrrolyl, O-imidazolyl, O-pyrazolyl, O-pyridyl, O-bipyridyl, O-triazinyl, O-pyrimidinyl, O-pyrazinyl, O-pyridazinyl, O-indoliziny, O-isoindolyl, O-indolyl, O-indazolyl, O-puriny, O-quinoliziny, O-quinolyl, O-isoquinolyl, O-phthalazinyl, O-naphthyridinyl, O-quinoxaliny, O-quinazolinyl, O-cinnoliny, O-pteridinyl, O-carbazolyl, O-carboliny, O-benzotriazolyl, O-benzoxazolyl, O-phenanthridinyl, O-acridinyl, O-perimidinyl, O-phenanthroliny, O-phenazinyl, O-isothiazolyl, O-phenothiazinyl, O-isoxazolyl, O-furazanyl or O-phenoxazinyl, S-thienyl, S-benzo[b]thienyl, S-dibenzo[b,d]thienyl, S-thianthrenyl, S-furyl, S-furfuryl, S-2H-pyranyl, S-benzofuranyl, S-isobenzofuranyl, S-benzimidazolyl, S-benzothiazolyl, S-dibenzofuranyl, S-phenoxythiiny, S-pyrrolyl, S-imidazolyl, S-pyrazolyl, S-pyridyl, S-bipyridyl, S-triazinyl, S-pyrimidinyl, S-pyrazinyl, S-pyridazinyl, S-indoliziny, S-isoindolyl, S-indolyl, S-indazolyl, S-puriny, S-quinoliziny, S-quinolyl, S-isoquinolyl, S-phthalazinyl, S-naphthyridinyl, S-quinoxaliny, S-quinazolinyl, S-cinnoliny, S-pteridinyl, S-carbazolyl, S-carboliny, S-benzotriazolyl, S-benzoxazolyl, S-phenanthridinyl, S-acridinyl, S-perimidinyl, S-phenanthroliny, S-phenazinyl, S-isothiazolyl, S-phenothiazinyl, S-isoxazolyl, S-furazanyl or S-phenoxazinyl,

or

R_1 and R_2 , R_2 and R_3 , R_3 and R_4 or R_{100} and R_{200} , or R_{200} and R_{300} , R_{300} and R_{400} , independently of one another in each case together are divalent radicals selected from the group consisting of polycyclic radicals, 1,3-butadien-1,4-ylene and $-\text{CH}=\text{CH}-\text{NH}-$, the two last radicals forming an additional fused-on 5- or 6-membered ring, and

X_1 is a hydrazone or imine radical, with the proviso that, if R_1 , R_2 , R_3 and R_4 are hydrogen, or at least one R_1 , R_2 , R_3 or R_4 is methyl, the hydrazone radical is excluded, or, if R_1 , R_2 , R_3 or R_4 is hydrogen, X_1 is not phenylimine- or 4-dimethylamine-phenylimine, or X_1 is a methylene radical,



in which

Q_3 is a primary or secondary amine radical and Q_4 is hydrogen or $\text{C}_1\text{-C}_{24}$ alkyl, $-\text{CO}-(\text{C}_1\text{-C}_{24}\text{alkyl})$, $-\text{CO}-\text{O}-(\text{C}_1\text{-C}_{24}\text{alkyl})$, $\text{C}_1\text{-C}_{24}$ alkoxy, $\text{C}_1\text{-C}_{24}$ alkylthio, $\text{C}_5\text{-C}_{12}$ cycloalkyl, $\text{C}_5\text{-C}_{12}$ cycloalkoxy, $\text{C}_5\text{-C}_{12}$ cycloalkylthio, $\text{C}_2\text{-C}_{24}$ alkenyl, $\text{C}_6\text{-C}_{24}$ aryl, $-\text{CO}-\text{O}-(\text{C}_6\text{-C}_{24}\text{aryl})$, $-\text{CO}-(\text{C}_6\text{-C}_{24}\text{aryl})$, $\text{C}_6\text{-C}_{24}$ aryloxy, a primary or secondary amine radical, $\text{C}_6\text{-C}_{12}$ arylthio, $\text{C}_7\text{-C}_{25}$ aralkyl, thienyl, benzo[b]thienyl, dibenzo[b,d]thienyl, thianthrenyl, furyl, furfuryl, 2H-pyranyl, benzofuranyl, isobenzofuranyl, benzimidazolyl, benzothiazolyl, dibenzofuranyl, phenoxythiiny, pyrrolyl, imidazolyl, pyrazolyl, pyridyl, bipyridyl, triazinyl,

pyrimidinyl, pyrazinyl, pyridazinyl, indolizinyl, isoindolyl, indolyl, indazolyl, purinyl, quinolizinyl, quinolyl, isoquinolyl, phthalazinyl, naphthyridinyl, quinoxalinyl, quinazolinyl, cinnolizinyl, pteridinyl, carbazoyl, carbolinyl, benzotriazolyl, benzoxazolyl, phenanthridinyl, acridinyl, perimidinyl, phenanthrolinyl, phenazinyl, isothiazolyl, phenothiazinyl, isoxazolyl, furazanyl or phenoxazinyl O-thienyl, O-benzo[b]thienyl, O-dibenzo[b,d]thienyl, O-thianthrenyl, O-furyl, O-furfuryl, O-2H-pyranyl, O-benzofuranyl, O-isobenzofuranyl, O-benzimidazolyl, O-benzothiazolyl, O-dibenzofuranyl, O-phenoxythiinyl, O-pyrrolyl, O-imidazolyl, O-pyrazolyl, O-pyridyl, O-bipyridyl, O-triazinyl, O-pyrimidinyl, O-pyrazinyl, O-pyridazinyl, O-indolizinyl, O-isoindolyl, O-indolyl, O-indazolyl, O-purinyl, O-quinolizinyl, O-quinolyl, O-isoquinolyl, O-phthalazinyl, O-naphthyridinyl, O-quinoxalinyl, O-quinazolinyl, O-cinnolizinyl, O-pteridinyl, O-carbazoyl, O-carbolinyl, O-benzotriazolyl, O-benzoxazolyl, O-phenanthridinyl, O-acridinyl, O-perimidinyl, O-phenanthrolinyl, O-phenazinyl, O-isothiazolyl, O-phenothiazinyl, O-isoxazolyl, O-furazanyl or O-phenoxazinyl S-thienyl, S-benzo[b]thienyl, S-dibenzo[b,d]thienyl, S-thianthrenyl, S-furyl, S-furfuryl, S-2H-pyranyl, S-benzofuranyl, S-isobenzofuranyl, S-benzimidazolyl, S-benzothiazolyl, S-dibenzofuranyl, S-phenoxythiinyl, S-pyrrolyl, S-imidazolyl, S-pyrazolyl, S-pyridyl, S-bipyridyl, S-triazinyl, S-pyrimidinyl, S-pyrazinyl, S-pyridazinyl, S-indolizinyl, S-isoindolyl, S-indolyl, S-indazolyl, S-purinyl, S-quinolizinyl, S-quinolyl, S-isoquinolyl, S-phthalazinyl, S-naphthyridinyl, S-quinoxalinyl, S-quinazolinyl, S-cinnolizinyl, S-pteridinyl, S-carbazoyl, S-carbolinyl, S-benzotriazolyl, S-benzoxazolyl, S-phenanthridinyl, S-acridinyl, S-perimidinyl, S-phenanthrolinyl, S-phenazinyl, S-isothiazolyl, S-phenothiazinyl, S-isoxazolyl, S-furazanyl or S-phenoxazinyl,

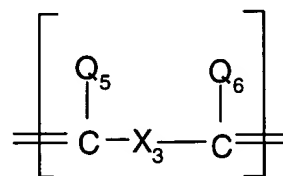
or

Q_3 and Q_4 together are a lactam, quinomethylene, hydantoin, acenaphthenequinone, azlactone, pyrazolonyl, barbituric acid, isoindolinone or isoindoline radical, with the proviso that

Q_4 is not hydrogen and Q_3 is not a primary or secondary amine radical if R_3 is hydrogen, methoxy or hydroxyl and R_1 , R_2 and R_4 are hydrogen,

and

X_2 is thienyl, furyl, 2H-pyranyl, pyrrolyl, imidazolyl, pyrazolyl, pyridyl, triazinyl, pyrazinyl, pyridazinyl, morpholin, piperidyl, piperazinyl, or is



in which

X₃ is a single bond, C₆-C₂₄arylene, thienylene, benzo[b]thienylene, dibenzo[b,d]thienylene, thianthrenylene, furylene, furfurylene, 2H-pyranylene, benzofuranylene, isobenzofuranylene, dibenzofuranylene, phenoxythienylene, pyrrolylene, imidazolylene, pyrazolylene, pyridylene, bipyridylene, benzimidazolylene, benzothiazolylene, triazinylene, pyrimidinylene, pyrazinylene, pyridazinylene, indolizinylen, isoindolylene, indolylene, indazolylene, purinylen, quinolizinylen, quinolylene, isoquinolylene, phthalazinylene, naphthyridinylen, quinoxalinylen, quinazolinylene, cinnolinylen, pteridinylene, carbazolylene, carbolinylen, benzotriazolylene, benzoxazolylene, phenanthridinylen, acridinylen, perimidinylen, phenanthrolinylen, phenazinylene, isothiazolylene, phenothiazinylen, isoxazolylene, furazanylen or phenoxazinylene 1,2-phenylene, 1,3-phenylene, 1,4-phenylene or naphthylene, or a tetravalent polyether, polyimine, polyamine radical, or bi(C₆-C₂₄)arylene, bipyridylene, bipyrrolylen, piperazinedionylen, quinodimethylen, imidazolonylen, isoindolinylen, and anthraquinoylfuranoylen, C₂-C₂₄alkenylene, in which bi(C₆-C₂₄)arylene, bipyridylene, bipyrrolylen, piperazinedionylen, quinodimethylen, imidazolonylen, isoindolinylen, and anthraquinoylfuranoylen or C₂-C₂₄alkenylene are optionally interrupted by one or more intermediate units selected from the group consisting of -CH=CH-, -CH=N-, -N=N-, -CR₄₄R₄₂-, -CO-, -COO-, -OCO-, -NR₄₂CO-, -CONR₄₂-, -O-, -S-, -SO-, -SO₂- or -NR₄₂-,

in which

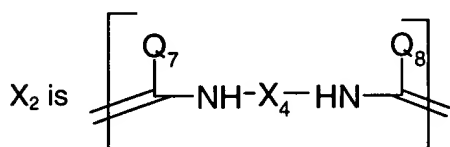
R₄₂ and R₄₄ independently of one another are hydrogen, C₁-C₂₄alkyl, C₅-C₁₂cycloalkyl, C₂-C₂₄ alkenyl, C₆-C₂₄aryl, C₇-C₂₅aralkyl or thienyl, benzo[b]thienyl, dibenzo[b,d]thienyl, thianthrenyl, furyl, furfuryl, 2H-pyranyl, benzofuranyl, isobenzofuranyl, benzimidazolyl, benzothiazolyl, dibenzofuranyl, phenoxythiyl, pyrrolyl, imidazolyl, pyrazolyl, pyridyl, bipyridyl, triazinyl, pyrimidinyl, pyrazinyl, pyridazinyl, indolizinyll, isoindolyl, indolyl, indazolyl, purinyl, quinolizinyll, quinolyl, isoquinolyl, phthalazinyl, naphthyridinyl, quinoxalinyll, quinazolinyl, cinnolinyll, pteridinyl, carbazolyl, carbolinyl, benzotriazolyl, benzoxazolyl, phenanthridinyl, acridinyl, perimidinyl, phenanthrolinyl, phenazinyl, isothiazolyl, phenothiazinyl, isoxazolyl, furazanyl or phenoxazinyl,

with the proviso that if R₁, R₂, R₃, R₄, R₁₀₀, R₂₀₀, R₃₀₀, R₄₀₀ are all tert-butyl or all hydrogen, Q₅ and Q₆ are hydrogen, X₃ is not 1,4-phenylene, and

Q₅ and Q₆ independently of one another are hydrogen, C₆-C₂₄aryl, C₆-C₂₄aryloxy, C₁-C₂₄alkyl, C₁-C₂₄ alkoxy, C₁-C₂₄alkylthio, C₅-C₁₂cycloalkyl, C₅-C₁₂cycloalkoxy, C₅-C₁₂cycloalkylthio, C₂-C₂₄alkenyl, C₆-C₂₄aryl, C₆-C₂₄aryloxy, C₆-C₂₄arylthio, thienyl, benzo[b]thienyl, dibenzo[b,d]thienyl, thianthrenyl, furyl, furfuryl, 2H-pyranyl, benzofuranyl, isobenzofuranyl, benzimidazolyl, benzothiazolyl, dibenzofuranyl, phenoxythiyl, pyrrolyl, imidazolyl, pyrazolyl, pyridyl, bipyridyl, triazinyl, pyrimidinyl, pyrazinyl, pyridazinyl, indolizinyll, isoindolyl, indolyl, indazolyl, purinyl, quinolizinyll, quinolyl, isoquinolyl,

phthalazinyl, naphthyridinyl, quinoxaliny, quinazolinyl, cinnolinyl, pteridinyl, carbazoyl, carbolinyl, benzotriazolyl, benzoxazolyl, phenanthridinyl, acridinyl, perimidinyl, phenanthrolinyl, phenazinyl, isothiazolyl, phenothiazinyl, isoxazolyl, furazanyl or phenoxazinyl O-thienyl, O-benzo[b]thienyl, O-dibenzo[b,d]thienyl, O-thianthrenyl, O-furyl, O-furfuryl, O-2H-pyranyl, O-benzofuranyl, O-isobenzofuranyl, O-benzimidazolyl, O-benzothiazolyl, O-dibenzofuranyl, O-phenoxythiiny, O-pyrrolyl, O-imidazolyl, O-pyrazolyl, O-pyridyl, O-bipyridyl, O-triazinyl, O-pyrimidinyl, O-pyrazinyl, O-pyridazinyl, O-indoliziny, O-isoindolyl, O-indolyl, O-indazolyl, O-puriny, O-quinoliziny, O-quinolyl, O-isoquinolyl, O-phthalazinyl, O-naphthyridinyl, O-quinoxaliny, O-quinazolinyl, O-cinnolinyl, O-pteridinyl, O-carbazoyl, O-carbolinyl, O-benzotriazolyl, O-benzoxazolyl, O-phenanthridinyl, O-acridinyl, O-perimidinyl, O-phenanthrolinyl, O-phenazinyl, O-isothiazolyl, O-phenothiazinyl, O-isoxazolyl, O-furazanyl or O-phenoxazinyl S-thienyl, S-benzo[b]thienyl, S-dibenzo[b,d]thienyl, S-thianthrenyl, S-furyl, S-furfuryl, S-2H-pyranyl, S-benzofuranyl, S-isobenzofuranyl, S-benzimidazolyl, S-benzothiazolyl, S-dibenzofuranyl, S-phenoxythiiny, S-pyrrolyl, S-imidazolyl, S-pyrazolyl, S-pyridyl, S-bipyridyl, S-triazinyl, S-pyrimidinyl, S-pyrazinyl, S-pyridazinyl, S-indoliziny, S-isoindolyl, S-indolyl, S-indazolyl, S-puriny, S-quinoliziny, S-quinolyl, S-isoquinolyl, S-phthalazinyl, S-naphthyridinyl, S-quinoxaliny, S-quinazolinyl, S-cinnolinyl, S-pteridinyl, S-carbazoyl, S-carbolinyl, S-benzotriazolyl, S-benzoxazolyl, S-phenanthridinyl, S-acridinyl, S-perimidinyl, S-phenanthrolinyl, S-phenazinyl, S-isothiazolyl, S-phenothiazinyl, S-isoxazolyl, S-furazanyl or S-phenoxazinyl,

or

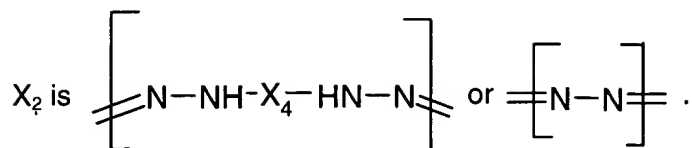


in which

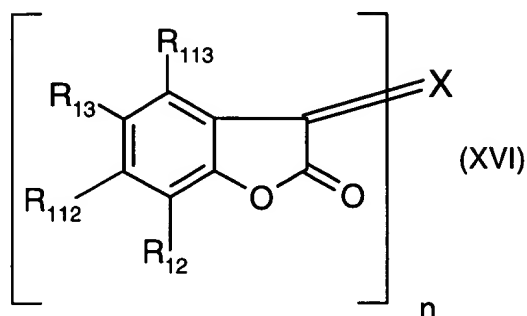
Q_7 and Q_8 independently of one another are Q_5 or Q_6 , and

X_4 is C_6 - C_{24} arylene, A_5 - A_{18} heteroarylene, a polymethylenide or divalent polyether, polyimine, polyamine radical, or bi(C_6 - C_{24})arylene, bipyridylene, bipyrrylen, piperazinedionylene, quinodimethylene, imidazolonylen, isoindolinylen, and anthraquinoylfuranoylen C_2 - C_{24} alkenylene, in which bi(C_6 - C_{24})arylene, bipyridylene, bipyrrylen, piperazinedionylene, quinodimethylene, imidazolonylen, isoindolinylen, and anthraquinoylfuranoylen or C_2 - C_{24} alkenylene are optionally interrupted by one or more intermediate units selected from the group consisting of $-\text{CH}=\text{CH}-$, $-\text{CH}=\text{N}-$, $-\text{N}=\text{N}-$, $-\text{CR}_{44}\text{R}_{42}-$, $-\text{CO}-$, $-\text{COO}-$, $-\text{OCO}-$, $-\text{NR}_{42}\text{CO}-$, $-\text{CONR}_{42}-$, $-\text{O}-$, $-\text{S}-$, $-\text{SO}-$, $-\text{SO}_2-$ or $-\text{NR}_{42}-$,

or



2. (previously presented) A compound according to claim 1 of the formula (XVI)

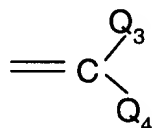


in which

n is 1 or 2, and

if n is 1

X is a hydrazone or imine radical, with the proviso that, if R_{12} , R_{13} , R_{112} and R_{113} are hydrogen, or at least one R_{12} , R_{13} , R_{112} or R_{113} is methyl, the hydrazone radical is excluded, or, if R_{12} , R_{13} , R_{112} or R_{113} is hydrogen, X is not phenylimine- or 4-dimethylamine-phenylimine, or X is a methylene radical,



in which

Q_3 is a primary or secondary amine radical and Q_4 is hydrogen or C_1 - C_{24} alkyl, $-\text{CO}-(C_1-C_{24}\text{alkyl})$, $-\text{CO}-O-(C_1-C_{24}\text{alkyl})$, C_1 - C_{24} alkoxy, C_1 - C_{24} alkylthio, C_5 - C_{12} cycloalkyl, C_5 - C_{12} cycloalkoxy, C_5 - C_{12} cycloalkylthio, C_2 - C_{24} alkenyl, C_6 - C_{24} aryl, $-\text{CO}-O-(C_6-C_{24}\text{aryl})$, $-\text{CO}-(C_6-C_{24}\text{aryl})$, C_6 - C_{24} aryloxy, a primary or secondary amine radical, C_6 - C_{12} arylthio, C_7 - C_{25} aralkyl, thienyl, benzothienyl, dibenzothienyl, thianthrenyl, furyl, furfuryl, 2H-pyranyl, benzofuranyl, isobenzofuranyl, benzimidazolyl, benzothiazolyl, dibenzofuranyl, phenoxythiynyl, pyrrolyl, imidazolyl, pyrazolyl, pyridyl, bipyridyl, triazinyl, pyrimidinyl, pyrazinyl,

pyridazinyl, indoliziny, isoindolyl, indolyl, indazolyl, purinyl, quinoliziny, quinolyl, isoquinolyl, phthalazinyl, naphthyridinyl, quinoxaliny, quinazoliny, cinnoliny, pteridinyl, carbazolyl, carboliny, benzotriazolyl, benzoxazolyl, phenanthridinyl, acridinyl, perimidiny, phenanthroliny, phenazinyl, isothiazolyl, phenothiazinyl, isoxazolyl, furazanyl or phenoxazinyl O-thienyl, O-benzothienyl, O-dibenzothienyl, O-thianthrenyl, O-furyl, O-furfuryl, O-2H-pyranyl, O-benzofuranyl, O-isobenzofuranyl, O-benzimidazolyl, O-benzothiazolyl, O-dibenzofuranyl, O-phenoxythiiny, O-pyrrolyl, O-imidazolyl, O-pyrazolyl, O-pyridyl, O-bipyridyl, O-triazinyl, O-pyrimidinyl, O-pyrazinyl, O-pyridazinyl, O-indoliziny, O-isoindolyl, O-indolyl, O-indazolyl, O-purinyl, O-quinoliziny, O-quinolyl, O-isoquinolyl, O-phthalazinyl, O-naphthyridinyl, O-quinoxaliny, O-quinazoliny, O-cinnoliny, O-pteridinyl, O-carbazolyl, O-carboliny, O-benzotriazolyl, O-benzoxazolyl, O-phenanthridinyl, O-acridinyl, O-perimidiny, O-phenanthroliny, O-phenazinyl, O-isothiazolyl, O-phenothiazinyl, O-isoxazolyl, O-furazanyl or O-phenoxazinyl S-thienyl, S-benzothienyl, S-dibenzothienyl, S-thianthrenyl, S-furyl, S-furfuryl, S-2H-pyranyl, S-benzofuranyl, S-isobenzofuranyl, S-benzimidazolyl, S-benzothiazolyl, S-dibenzofuranyl, S-phenoxythiiny, S-pyrrolyl, S-imidazolyl, S-pyrazolyl, S-pyridyl, S-bipyridyl, S-triazinyl, S-pyrimidinyl, S-pyrazinyl, S-pyridazinyl, S-indoliziny, S-isoindolyl, S-indolyl, S-indazolyl, S-purinyl, S-quinoliziny, S-quinolyl, S-isoquinolyl, S-phthalazinyl, S-naphthyridinyl, S-quinoxaliny, S-quinazoliny, S-cinnoliny, S-pteridinyl, S-carbazolyl, S-carboliny, S-benzotriazolyl, S-benzoxazolyl, S-phenanthridinyl, S-acridinyl, S-perimidiny, S-phenanthroliny, S-phenazinyl, S-isothiazolyl, S-phenothiazinyl, S-isoxazolyl, S-furazanyl or S-phenoxazinyl,

or

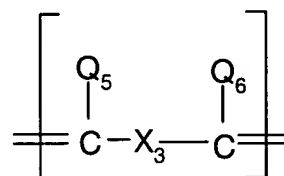
Q_3 and Q_4 together are a lactam, quinomethylene, hydantoin, acenaphthenequinone, azlactone, pyrazolonyl, barbituric acid, isoindolinone or isoindoline radical, with the proviso that

Q_4 is not hydrogen and Q_3 is not a primary or secondary amine radical if R_{13} is hydrogen, methoxy or hydroxyl and R_{12} , R_{112} and R_{113} are hydrogen,

and

if n is 2

X is thienyl, furyl, 2H-pyranyl, pyrrolyl, imidazolyl, pyrazolyl, pyridyl, triazinyl, pyrazinyl, pyridazinyl, morpholin, piperidyl, piperazinyl, or is



in which

X_3 is a single bond, C_6-C_{24} arylene, thienylene, benzothienylene, dibenzothienylene, thianthrenylene, furylene, furfurylene, 2H-pyranylene, benzofuranylene, isobenzofuranylene, dibenzofuranylene, phenoxythienylene, pyrrolylene, imidazolylene, pyrazolylene, pyridylene, bipyridylene, benzimidazolylene, benzothiazolylene, triazinylene, pyrimidinylene, pyrazinylene, pyridazinylene, indolizinylenylene, isoindolylene, indolylene, indazolylene, purinylenylene, quinolizinylenylene, quinolylene, isoquinolylene, phthalazinylene, naphthyridinylenylene, quinoxalinylenylene, quinazolinylene, cinnolinylenylene, pteridinylene, carbazolylene, carbolinylenylene, benzotriazolylene, benzoxazolylene, phenanthridinylenylene, acridinylenylene, perimidinylenylene, phenanthrolinylenylene, phenazinylene, isothiazolylene, phenothiazinylenylene, isoxazolylene, furazanylenylene or phenoxazinylene 1,2-phenylene, 1,3-phenylene, 1,4-phenylene or naphthylene, or a tetravalent polyether, polyimine, polyamine radical, or $bi(C_6-C_{24})$ arylene, bipyridylene, bipyrrylene, piperazinedionylenylene, quinodimethylenylene, imidazolonylenylene, isoindolonylenylene, and anthraquinoylfuranonylenylene, C_2-C_{24} alkenylenylene, in which $bi(C_6-C_{24})$ arylene, bipyridylene, bipyrrylene, piperazinedionylenylene, quinodimethylenylene, imidazolonylenylene, isoindolonylenylene, and anthraquinoylfuranonylenylene or C_2-C_{24} alkenylenylene are optionally interrupted by one or more intermediate units selected from the group consisting of $-CH=CH-$, $-CH=N-$, $-N=N-$, $-CR_{44}R_{42}-$, $-CO-$, $-COO-$, $-OCO-$, $-NR_{42}CO-$, $-CONR_{42}-$, $-O-$, $-S-$, $-SO-$, $-SO_2-$ or $-NR_{42}-$,

in which

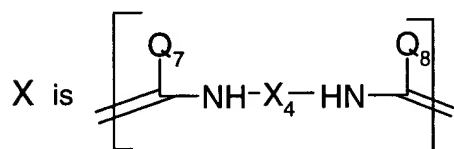
R_{42} and R_{44} independently of one another are hydrogen, C_1-C_{24} alkyl, C_5-C_{12} cycloalkyl, C_2-C_{24} alkenyl, C_6-C_{24} aryl, C_7-C_{25} aralkyl, thienyl, benzothienyl, dibenzothienyl, thianthrenyl, furyl, furfuryl, 2H-pyranyl, benzofuranyl, isobenzofuranyl, benzimidazolyl, benzothiazolyl, dibenzofuranyl, phenoxythiyl, pyrrolyl, imidazolyl, pyrazolyl, pyridyl, bipyridyl, triazinyl, pyrimidinyl, pyrazinyl, pyridazinyl, indolizinyll, isoindolyl, indolyl, indazolyl, purinyl, quinolizinyll, quinolyl, isoquinolyl, phthalazinyl, naphthyridinyl, quinoxalinyll, quinazolinyl, cinnolinyll, pteridinyl, carbazolyl, carbolinyl, benzotriazolyl, benzoxazolyl, phenanthridinyl, acridinyl, perimidinyl, phenanthrolinyl, phenazinyl, isothiazolyl, phenothiazinyl, isoxazolyl, furazanyl or phenoxazinyl,

with the proviso that if R_{12} , R_{13} , R_{112} or R_{113} are all tert-butyl or all hydrogen, Q_5 and Q_6 are hydrogen, X_3 is not 1,4-phenylene, and Q_5 and Q_6 independently of one another are hydrogen, C_6-C_{24} aryl, C_6-C_{24} aryloxy, C_1-C_{24} alkyl, C_1-C_{24} alkoxy, C_1-C_{24} alkylthio, C_5-C_{12} cycloalkyl, C_5-C_{12} cycloalkoxy, C_5-C_{12} cycloalkylthio, C_2-C_{24} alkenyl,

C_6-C_{24} aryl, C_6-C_{24} aryloxy, C_6-C_{24} arylthio, thienyl, benzothienyl, dibenzothienyl, thianthrenyl, furyl, furfuryl, 2H-pyranyl, benzofuranyl, isobenzofuranyl, benzimidazolyl, benzothiazolyl, dibenzofuranyl, phenoxythiyl, pyrrolyl, imidazolyl, pyrazolyl, pyridyl, bipyridyl, triazinyl, pyrimidinyl, pyrazinyl, pyridazinyl, indolizinyll, isoindolyl, indolyl, indazolyl, purinyl, quinolizinyll, quinolyl, isoquinolyl, phthalazinyl, naphthyridinyl, quinoxalinyll, quinazolinyl, cinnolinyll, pteridinyl, carbazolyl, carbolinyl,

benzotriazolyl, benzoxazolyl, phenanthridinyl, acridinyl, perimidinyl, phenanthrolinyl, phenazinyl, isothiazolyl, phenothiazinyl, isoxazolyl, furazanyl or phenoxazinyl O-thienyl, O-benzothienyl, O-dibenzothienyl, O-thianthrenyl, O-furyl, O-furfuryl, O-2H-pyranyl, O-benzofuranyl, O-isobenzofuranyl, O-benzimidazolyl, O-benzothiazolyl, O-dibenzofuranyl, O-phenoxythiiny, O-pyrrolyl, O-imidazolyl, O-pyrazolyl, O-pyridyl, O-bipyridyl, O-triazinyl, O-pyrimidinyl, O-pyrazinyl, O-pyridazinyl, O-indoliziny, O-isoindolyl, O-indolyl, O-indazolyl, O-puriny, O-quinoliziny, O-quinolyl, O-isoquinolyl, O-phthalazinyl, O-naphthyridinyl, O-quinoxaliny, O-quinazolinyl, O-cinnoliny, O-pteridinyl, O-carbazolyl, O-carboliny, O-benzotriazolyl, O-benzoxazolyl, O-phenanthridinyl, O-acridinyl, O-perimidinyl, O-phenanthrolinyl, O-phenazinyl, O-isothiazolyl, O-phenothiazinyl, O-isoxazolyl, O-furazanyl or O-phenoxazinyl S-thienyl, S-benzothienyl, S-dibenzothienyl, S-thianthrenyl, S-furyl, S-furfuryl, S-2H-pyranyl, S-benzofuranyl, S-isobenzofuranyl, S-benzimidazolyl, S-benzothiazolyl, S-dibenzofuranyl, S-phenoxythiiny, S-pyrrolyl, S-imidazolyl, S-pyrazolyl, S-pyridyl, S-bipyridyl, S-triazinyl, S-pyrimidinyl, S-pyrazinyl, S-pyridazinyl, S-indoliziny, S-isoindolyl, S-indolyl, S-indazolyl, S-puriny, S-quinoliziny, S-quinolyl, S-isoquinolyl, S-phthalazinyl, S-naphthyridinyl, S-quinoxaliny, S-quinazolinyl, S-cinnoliny, S-pteridinyl, S-carbazolyl, S-carboliny, S-benzotriazolyl, S-benzoxazolyl, S-phenanthridinyl, S-acridinyl, S-perimidinyl, S-phenanthrolinyl, S-phenazinyl, S-isothiazolyl, S-phenothiazinyl, S-isoxazolyl, S-furazanyl or S-phenoxazinyl,

or

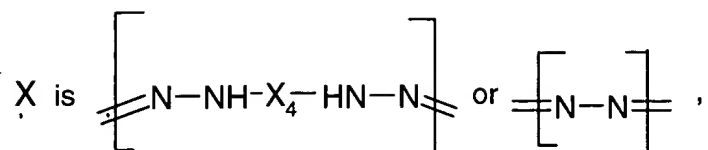


in which

Q_7 and Q_8 independently of one another are Q_5 or Q_6 , and

X_4 is C_6 - C_{24} arylene, A_5 - A_{18} heteroarylene, a polymethylenide or divalent polyether, polyimine, polyamine radical, or bi(C_6 - C_{24})arylene, bipyridylene, bipyrrylene, piperazinedionylene, quinodimethylene, imidazolonylene, isoindolinylen, and anthraquinoylfuranoylen C_2 - C_{24} alkenylen, in which bi(C_6 - C_{24})arylene, bipyridylene, bipyrrylene, piperazinedionylene, quinodimethylene, imidazolonylene, isoindolinylen, and anthraquinoylfuranoylen or C_2 - C_{24} alkenylen are optionally interrupted by one or more intermediate units selected from the group consisting of $-\text{CH}=\text{CH}-$, $-\text{CH}=\text{N}-$, $-\text{N}=\text{N}-$, $-\text{CR}_{44}\text{R}_{42}-$, $-\text{CO}-$, $-\text{COO}-$, $-\text{OCO}-$, $-\text{NR}_{42}\text{CO}-$, $-\text{CONR}_{42}-$, $-\text{O}-$, $-\text{S}-$, $-\text{SO}-$, $-\text{SO}_2-$ or $-\text{NR}_{42}-$,

or



and

R_{12} , R_{112} , R_{13} and R_{113} independently of one another are hydrogen, halogen, OH, NO_2 , R_{14} , OR_{14} , $\text{OC}_9\text{-C}_{18}\text{alkyl}$ or $\text{SC}_9\text{-C}_{18}\text{alkyl}$, in which

R_{14} is $\text{C}_1\text{-C}_{24}\text{alkyl}$ which is unsubstituted or substituted one or more times by oxo or by $\text{COO}^- \text{X}_5^+$ and which is uninterrupted or interrupted one or more times by O, N and/or S, or is $\text{C}_7\text{-C}_{18}\text{aralkyl}$ or $\text{C}_6\text{-C}_{12}\text{aryl}$ unsubstituted or substituted one or more times by halogen, OR_{16} , $\text{NR}_{16}\text{R}_{17}$, COOR_{16} , $\text{CONR}_{16}\text{R}_{17}$, $\text{NR}_{18}\text{COR}_{16}$ or $\text{NR}_{18}\text{COOR}_{16}$,

X_5^+ is a cation H^+ , Na^+ , K^+ , Mg^{++} , Ca^{++} , Zn^{++} , Al^{+++} , or $(\text{NR}_{16}\text{R}_{17}\text{R}_{18}\text{R}_{19})^+$, and

R_{16} and R_{17} independently of one another are hydrogen, $\text{C}_6\text{-C}_{12}\text{aryl}$, $\text{C}_7\text{-C}_{10}\text{aralkyl}$, or $\text{C}_1\text{-C}_8\text{alkyl}$ which is unsubstituted or substituted one or more times by halogen, hydroxyl or $\text{C}_1\text{-C}_4\text{alkoxy}$, or

R_{16} and R_{17} in $\text{NR}_{16}\text{R}_{17}$ or $\text{CONR}_{16}\text{R}_{17}$, together with the nitrogen atom connecting them, are pyrrolidine, piperidine, piperazine or morpholine each of which is unsubstituted or substituted from one to four times by $\text{C}_1\text{-C}_4\text{alkyl}$,

and

R_{18} and R_{19} independently of one another are hydrogen, $\text{C}_1\text{-C}_8\text{alkyl}$, $\text{C}_6\text{-C}_{10}\text{aryl}$ or $\text{C}_6\text{-C}_{12}\text{aralkyl}$, or R_{12} and R_{112} , R_{112} and R_{13} , R_{13} and R_{113} independently of one another are each together divalent radicals.

3-14. (canceled)

15. (canceled)

16. (canceled)